PATENT ABSTRACTS OF JAPAN

(11)Publication number : 05-265411

(43)Date of publication of application : 15.10.1993

(51)Int.Cl. G09G 3/36
G02F 1/133
G02F 1/133

(21)Application number : 04-348227 (71)Applicant : SONY CORP

(22)Date of filing : 28.12.1992 (72)Inventor : SATO YASUSHI

(30)Priority

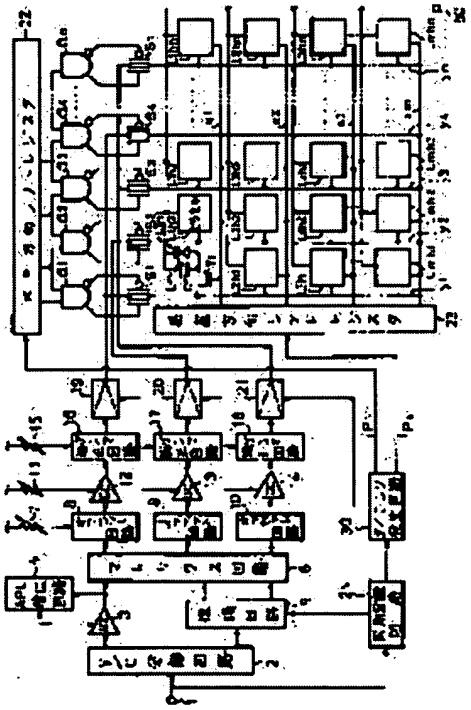
Priority number : 03347353 Priority date : 27.12.1991 Priority country : JP

(54) LIQUID CRYSTAL DISPLAY DEVICE AND DRIVING METHOD FOR THE SAME

(57)Abstract:

PURPOSE: To obtain the excellent, high-precision liquid crystal display device which has a sufficient write time for each pixel and prevents a decrease in display quality due to a defect in writing by turning on every two scanning electrodes which are applied with voltages having the same polarity at the same time.

CONSTITUTION: The liquid crystal display device which has plural capacitors C arranged in a matrix and liquid crystal L, switching transistors(TR) connected to them, scanning electrodes x1-xm connected to the gate electrodes of those switching TRs, and signal electrodes y1-yn connected to the gate electrodes of the switching TRs is provided with polarity inverting and amplifying circuits 19-21 as an inverting means which selects plural rows in one-scanning-line units at the same time and also inverts an input video signal in units of one or plural horizontal scans, a horizontal shift register 22, a vertical shift register 23, a synchronizing separator circuit 24, and a timing generating circuit 30.



LEGAL STATUS

[Date of request for examination]	06.11.1998
[Date of sending the examiner's decision of rejection]	21.08.2001
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]	
[Date of final disposal for application]	
[Patent number]	
[Date of registration]	
[Number of appeal against examiner's decision of rejection]	2001-16867
[Date of requesting appeal against examiner's decision of rejection]	20.09.2001
[Date of extinction of right]	